

### Claims

Please cancel Claims 1-9, 11-12, 14, 27, 32-33, and 35, and amend Claims 10, 13, 15-20, 22-26, 29-31, 34, and 38-39, all as shown below.

1-9. (Canceled).

10. (Currently Amended) A method for providing transferring content to a plurality of content repository repositories, comprising:

~~providing a process operable to interact with a virtual content repository (VCR) and capable of communicating with the VCR using a computer network;~~

~~providing a mechanism for the process to interact with the VCR;~~

identifying a first content in at least one of a file system and a website by traversing the at least one of a file system and a website;

associating a first schema with the first content; and

communicating with a virtual content repository (VCR) via an Application Programming Interface (API) to provide the content and the schema to the VCR;

providing at least one of the following to the VCR:

1) the first content;

2) a reference to the first content; and

3) the first schema to the VCR; and

wherein the VCR integrates at least one content repository a plurality of content repositories into a logical content repository and transfers the content and the schema to the plurality of content repositories; and

wherein the API presents a unified view of the plurality of content repositories as a single repository.

11. (Canceled).

12. (Canceled).

13. (Currently Amended) The method of claim 10 wherein:

each content repository in the plurality of content repositories one of the at least one content repositories exposes a first set of services to enable its integration plug into the VCR.

14. (Canceled)
15. (Currently Amended) The method of claim 10 wherein the step of identifying the first content includes:  
extracting properties from one of:  
1) a file;  
2) a hypertext markup language (HTML) document; and  
3) an Extensible Markup Language (XML) document.
16. (Currently Amended) The method of claim 10 wherein the step of associating the first schema with the first content includes:  
acquiring the first schema from at least one of:  
1) a file;  
2) a hypertext markup language (HTML) document; and  
3) an Extensible Markup Language (XML) document.
17. (Currently Amended) The method of claim 10 wherein the step of ~~providing the first content and/or the first schema to the VCR~~ communicating with the VCR includes:  
persisting in one of the plurality of content repositories ~~at least one content repositories the at least one of:~~ the content and the schema,  
1) ~~the first content;~~  
2) ~~the reference to the first content; and/or~~  
3) ~~the first schema.~~
18. (Currently Amended) The method of claim 10 wherein the step of ~~providing the first content and/or the first schema to the VCR~~ communicating with the VCR includes:  
preserving in one of the plurality of content repositories ~~at least one content repositories~~ hierarchical relationships between the first content and other content in the VCR.
19. (Currently Amended) A content mining system for ~~providing~~ transferring content to at least one content repository a plurality of content repositories, comprising:

a first process ~~operable to interact~~ that interacts with a Virtual Content Repository (VCR);

a first set of services ~~operable to enable~~ that enables integration of the at least one content repository a plurality of content repositories to plug into the VCR;

a second set of services ~~operable to enable~~ that enables interaction between the first process and the VCR;

wherein the first process is ~~operable to provide~~ provides to the VCR ~~at least one of:~~ a content and a schema corresponding to the content;

1) ~~content;~~

2) ~~a reference to the content; and~~

3) ~~a schema corresponding to the content; and~~

wherein the VCR is ~~operable to integrate~~ integrates the at least one content repository plurality of content repositories into a logical repository and transfers the content and the schema corresponding to the content to the plurality of repositories; and

wherein the second set of services is an Application Programming Interface (API) that presents a unified view of the plurality of content repositories as a single repository.

20. (Currently Amended) The system of claim 19, further comprising:

at least one second process ~~operable to interact~~ that interacts with the first process;

wherein the at least one second process is ~~operable to provide~~ provides to the first process the ~~at least one of:~~ content and the schema corresponding to the content;

1) ~~content;~~

2) ~~a reference to the content; and~~

3) ~~a schema corresponding to the content; and~~

a third set of services operable to enable that enables interaction between the at least one second process and the first process.

21. (Original) The system of claim 20 wherein:

the third set of services provides a first function for directing the at least one second process to extract at least one property from the content; and

wherein a property is an association between a name and a value.

22. (Currently Amended) The system of claim 20 wherein:

- the at least one second process can derive derives the schema from the content.
23. (Currently Amended) The system of claim 19 wherein:  
the content can include includes at least one property; and  
wherein a property is an association between a name and a value.
24. (Currently Amended) The system of claim 19, further comprising:  
at least one second process ~~operable to derive~~ that derives the at least one property from the content.
25. (Currently Amended) The system of claim 19, further comprising:  
at least one second process ~~operable to locate~~ that locates the schema corresponding to the content.
26. (Currently Amended) The system of claim 19, further comprising:  
at least one second process ~~operable to extract~~ that extracts at least one of the  
content and/or the schema from at least one of:  
1) a file;  
2) a hypertext markup language (HTML) document; and  
3) an Extensible Markup Language (XML) document.
27. (Canceled).
28. (Original) The system of claim 19 wherein:  
the first set of services and the second set of services share a content model.
29. (Currently Amended) A system, comprising:  
~~means for providing a process operable to interact with a virtual content repository (VCR) and capable of communicating with the VCR using a computer network;~~  
~~means for providing a mechanism for the process to interact with the VCR;~~  
means for identifying a first content in at least one of a file system and a website  
by traversing the at least one of a file system and a website;  
means for associating a first schema with the first content;

means for communicating with a virtual content repository (VCR) via an Application Programming Interface (API) to provide the content and the schema to the VCR;

means for providing at least one of the following to the VCR:

- 1) the first content;
- 2) a first to the first content; and
- 3) the first schema to the VCR; and

wherein the VCR is operable to integrates a plurality of content repositories into a logical repository and provide transfers the content and the schema to the at least one content repository plurality of content repositories; and at least one of:

- 1) the first content;
- 2) a reference to the first content; and
- 3) the first schema to the VCR;

wherein the API presents a unified view of the plurality of content repositories as a single repository.

30. (Currently Amended) A method for transmitting code over computer data signal embodied in a transmission medium, comprising:

a code segment including instructions to provide a process operable to interact with a virtual content repository (VCR) and capable of communicating with the VCR using a computer network;

a code segment including instructions to provide a mechanism for the process to interact with the VCR;

transmitting a code segment including instructions to identify a first content in at least one of a file system and a website by traversing the at least one of a file system and a website;

transmitting a code segment including instructions to associate a first schema with the first content; and

transmitting a code segment including instructions to communicate with a virtual content repository via an Application Programming Interface (API) to provide the content and the schema to the VCR;

a code segment including instructions to provide to the VCR at least one of:

- 1) the first content;
- 2) a reference to the first content; and
- 3) the first schema to the VCR; and

wherein the VCR is ~~operable to provide~~ integrates a plurality of content repositories into a logical content repository and transfers the content and the schema to the at least one content repository ~~the plurality of content repositories; and the at least one of~~

- 1) ~~the first content;~~
- 2) ~~the reference to the first content; and/or~~
- 3) ~~the first schema.~~

wherein the API presents a unified view of the plurality of content repositories as a single repository.

31. (Currently Amended) A machine readable medium having instructions stored thereon that when executed by a processor cause a system to:

~~provide a process operable to interact with a virtual content repository (VCR) and capable of communicating with the VCR using a computer network;~~  
~~provide a mechanism for the process to interact with the VCR;~~  
identify a first content in at least one of a file system and a website by traversing the at least one of a file system and a website;

associate a first schema with the first content; and  
communicate with a virtual content repository (VCR) via an Application Programming Interface (API) to provide the content and the schema to the VCR;

~~provide to the VCR at least one of:~~

- 1) ~~the first content;~~
- 2) ~~a reference to the first content; and~~
- 3) ~~the first schema to the VCR; and~~

wherein the VCR is ~~operable to provide~~ integrates a plurality of content repositories into a logical content repository and transfers the content and the schema to the at least one content repository ~~plurality of content repositories; and the at least one of;~~

- 1) ~~the first content;~~
- 2) ~~the reference to the first content; and/or~~
- 3) ~~the first schema.~~

wherein the API presents a unified view of the plurality of content repositories as a single repository.

32. (Canceled).

33. (Canceled).

34. (Currently Amended) The machine readable medium of claim 31 wherein:  
each one of the ~~at least one~~ plurality of content repositories exposes a first set of  
services to ~~enable its integration plug~~ into the VCR.

35. (Canceled).

36. (Original) The machine readable medium of claim 31, further comprising  
instructions that when executed cause the system to:

extract properties from one of:

- 1) a file;
- 2) a hypertext markup language (HTML) document; and
- 3) an Extensible Markup Language (XML) document.

37. (Original) The machine readable medium of claim 31, further comprising  
instructions that when executed cause the system to:

acquire the first schema from at least one of:

- 1) a file;
- 2) a hypertext markup language (HTML) document; and
- 3) an Extensible Markup Language (XML) document.

38. (Currently Amended) The machine readable medium of claim 31, further  
comprising instructions that when executed cause the system to:

persist in one of the ~~at least one~~ plurality of content repositories ~~the at least one~~  
of: the content and the schema.

- ~~1) the first content;~~
- ~~2) a reference to the first content; and~~
- ~~3) the first schema to the VCR.~~

39. (Currently Amended) The machine readable medium of claim 31, further  
comprising instructions that when executed cause the system to:

preserve in one of the at-least-one plurality of content repositories hierarchical relationships between the first content and other content in the VCR.